

SEQUENCE LISTING



<110> Ecker, David J
Sampath, Ranga
Griffey, Richard
McNeil, John

<120> Identification of Molecular Interaction Sites in RNA
for Novel Drug Discovery

<130> IBIS0012

<140> 09/310,667

<141> 1999-05-12

<150> 09/076,440

<151> 1998-05-12

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31

<210> 99
<211> 30
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<210> 100
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<210> 101
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<210> 103
<211> 31
<212> RNA
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<210> 105
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<210> 106
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<210> 108
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<400> 108
accacacuga gucuaguuaa cacuugcgcu 30

<210> 109
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gttttttttaa t 71

<210> 110
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gttttttttaa t 71

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guuuuuuuna u 71

<210> 113
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<210> 114
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<400> 114

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<211> 60

<212> RNA

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<210> 116

<211> 61

<212> DNA

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<210> 117

<211> 61

<212> DNA

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<400> 117

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<210> 118

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<210> 119

<211> 61

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n 61

<210> 120
<211> 61
<212> RNA
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<220>
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u 61

<210> 121
<211> 61
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Novel Sequence

<400> 121
uagaauauaa uauucggaag cagugccuuc cauaauuaug acaguauauac ugucgguuuu 60
u 61

<210> 122
<211> 61
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Novel Sequence

<400> 122
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g 61

<210> 123
<211> 52
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Novel Sequence

<400> 123

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<210> 124
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<220>
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<400> 124
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<210> 125
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 <212> DNA
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<220>
 <223> Description of Artificial Sequence: Novel Sequence

<400> 125
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<400> 126
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<210> 127
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 <220>
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 <400> 127
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 <210> 128
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 <220>
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 <400> 128
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 <210> 129
 <211> 52
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 <210> 130
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<210> 131
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<400> 131
tgtatcggag acagtgatct ccatatgtta cactaagggt g 41

<210> 132
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<400> 132
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<222> (30)
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<400> 133
unuaucggag ncagugancu ccuauguun cacuangggg g 41

<210> 134
<211> 41
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Novel Sequence

<400> 134
uaauucggag acagugaccu ccuauguua cacuaagggg g 41

<210> 135
<211> 41
<212> RNA
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<400> 135
uguaucggag acagugaucu ccuauguua cacuaagggg g 41

<210> 136
<211> 41
<212> RNA
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<220>
<223> Description of Artificial Sequence: Novel Sequence

<400> 136
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<210> 137
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<212> DNA
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<400> 137
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<210> 138
<211> 56
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<220>
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<400> 138
gtaagtaatt atcggaaca gtgtttccca taattttctt catgcaatga catctt 56

<210> 139
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<212> DNA
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<400> 140
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<210> 141
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<213> Artificial Sequence

<220>
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<210> 142
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<210> 143
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<400> 143
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<211> 54
<212> DNA
<213> Artificial Sequence

<220>
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<210> 145
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<400> 145
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<210> 146
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 <210> 147
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 <400> 147
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 <210> 148
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 <400> 148
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 <210> 149
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<210> 150
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<210> 151
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<210> 152
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<220>
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<210> 154
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<210> 155
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<400> 155
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<223> N is any nucleotide

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<223> N is any nucleotide

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<222> (47)..(48)
<223> N is any nucleotide

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<223> N is any nucleotide

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<222> (55)
<223> N is any nucleotide

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<222> (57)..(60)
<223> N is any nucleotide

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<400> 157
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<211> 53
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Novel Sequence

<400> 158
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53

<210> 159
<211> 53
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<220>
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53

<210> 160
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<400> 160
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53

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53

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<210> 164
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<210> 165
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 <212> RNA
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<220>
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<210> 166
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 <212> RNA
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<220>
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<400> 166
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<210> 167
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<220>
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<210> 168
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<400> 168
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<400> 169
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<223> Description of Artificial Sequence: Novel Sequence

<400> 170

caagcgtttg tagcttgt

18

<210> 171

<211> 18

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<223> Description of Artificial Sequence: Novel Sequence

<400> 171

caagtatttg tagcttgt

18

<210> 172

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Novel Sequence

<400> 172

caagcatttg tagcttgt

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<210> 173

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<212> DNA

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<223> Description of Artificial Sequence: Novel Sequence

<400> 173

caagcatttg tagcttgt

18

<210> 174

<211> 18

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<213> Artificial Sequence

<220>
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 <400> 174
 caagcattta tagcttgt 18

 <210> 175
 <211> 18
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 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: Novel Sequence

 <400> 175
 caagcatttg tagcttgt 18

 <210> 176
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 <210> 177
 <211> 18
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<400> 177
caagcguuug uagcuugu 18

<210> 178
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<220>
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<400> 178
caaguauuug uagcuugu 18

<210> 179
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<220>
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<400> 179
caagcauuug uagcuugu 18

<210> 180
<211> 18
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<220>
<223> Description of Artificial Sequence: Novel Sequence

<400> 180
caagcauuug uagcuugu 18

<210> 181
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<220>
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<400> 181
caagcauuua uagcuugu 18

<210> 182
<211> 18
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<220>
<223> Description of Artificial Sequence: Novel Sequence

<400> 182
caagcauuug uagcuugu 18

<210> 183
<211> 71
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<400> 183
ctttctatatt atttaaatat ttaaaattta tatttatattt ttgatatatg ttttcctacc 60
ttttgtaact a 71

<210> 184
<211> 71
<212> DNA
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<220>
<223> Description of Artificial Sequence: Novel Sequence

<400> 184
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ttttgtaact g 71

<210> 185
<211> 70
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<220>

<223> Description of Artificial Sequence: Novel Sequence

<400> 185

ccttctatatt atttaaatat ttaaaatttta tattttattgt tgaatgtatg gtttgctacc 60
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<210> 186

<211> 71

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Novel Sequence

<400> 186

ccttctatatt atttaaatat ttaaaatttta tattttattgt tgaatgtatg gtttgctacc 60
tattgtaact a 71

<210> 187

<211> 71

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Novel Sequence

<400> 187

ccttctatatt atttaaatat ttaaaatttta tattttatttt ttgatgcatg gtgttctaac 60
ttttgtaata c 71

<210> 188

<211> 71

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Novel Sequence

<400> 188

caggttatatt atttaaatat ttaaaatttta tattttatttt ttgatgtatg gtttgctacc 60
ttttgtaatt a 71

<210> 189

<211> 71
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<400> 189

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tattgtaact a 71

<210> 190

<211> 71

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Novel Sequence

<400> 190

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ttttgtaact a 71

<210> 191

<211> 71

<212> DNA

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<400> 191

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ttttgtaatt a 71

<210> 192

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<212> DNA

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<400> 192

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<210> 193

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<223> N is any nucleotide

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<222> (53)..(55)
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<400> 193
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<210> 194
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<220>
<223> Description of Artificial Sequence: Novel Sequence

<400> 194
uuuuuuuuuu auuuuuuuuu uuuuuuuuu uuuuuuuuu uuuuuuuuu uuuuuuuuu 60
uuuuuuuuuu a 71

<210> 195
<211> 71
<212> RNA
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<220>
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<400> 195
cuuucuaauu auuuuuuuuu uuuuuuuuuu uuuuuuuuuu uugauauaug uuuuccuacc 60
uuuuguaacu g 71

<210> 196
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<220>
<223> Description of Artificial Sequence: Novel Sequence

<400> 196
ccuucuaauu auuuuuuuuu uuuuuuuuuu uuuuuuuuuu ugauguaug guuugcuacc 60
uuuucuaauu 70

<210> 197
<211> 71
<212> RNA
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<220>
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<400> 197
ccuucuaauu auuuuuuuuu uuuuuuuuuu uuuuuuuuuu ugauguaug guuugcuacc 60
uuuuguaacu a 71

<210> 198
<211> 71
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<213> Artificial Sequence

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<400> 198
cuuucuaauu auuuuuuuuu uuuuuuuuuu uuuuuuuuuu ugaugcaug guuucuaac 60
uuuuguaau c 71

<210> 199
<211> 70
<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Novel Sequence

<400> 199

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uuuguaauua 70

<210> 200

<211> 71

<212> RNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Novel Sequence

<400> 200

ccuucuauuu auuuuuuuuu uuuuuuuuuu uuuuuuuuuu ugaauuuauu guuugcuacc 60
uuuuguaacu a 71

<210> 201

<211> 71

<212> RNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Novel Sequence

<400> 201

aaauuuuuuu auuuuuuuuu uuuuuuuuuu uuuuuuuuuu ugaauuuauu guuugcuacc 60
uuuuguaacu a 71

<210> 202

<211> 71

<212> RNA

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<223> Description of Artificial Sequence: Novel Sequence

<400> 202

cagguuauuu auuuuuuuuu uuuuuuuuuu uuuuuuuuuu ugaauuuauu guuugcuacc 60
uuuuguaacu a 71

<210> 203
<211> 71
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Novel Sequence

<400> 203
ccuucuaauu auuuuuuuuu uuuuuuuuuu uuuuuuuuuu uuuuuuuuuu uuuuuuuuuu uuuuuuuuuu uuuuuuuuuu 60
uuuuuuuuu uuuuuuuuuu uuuuuuuuuu uuuuuuuuuu uuuuuuuuuu uuuuuuuuuu uuuuuuuuuu uuuuuuuuuu 71
uuuuuuuuu uuuuuuuuuu uuuuuuuuuu uuuuuuuuuu uuuuuuuuuu uuuuuuuuuu uuuuuuuuuu uuuuuuuuuu

<210> 204
<211> 46
<212> DNA
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<220>
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<223> N is any nucleotide

<400> 204
tgataaatat ggatctttta agattctttt tgtaagcccn nnnnnn 46

<210> 205
<211> 46
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<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Novel Sequence

<400> 205
tgataaatat ggatctttta agattctttt tgtaagccct acgggc 46

<210> 206
<211> 46
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<220>
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 <222> (1)..(36)
 <223> N is any nucleotide

 <400> 206
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 <210> 207
 <211> 46
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 <220>
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 <400> 207
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 <210> 208
 <211> 46
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 <213> Artificial Sequence

 <220>
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 <400> 208
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 <210> 209
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 <212> DNA
 <213> Artificial Sequence

 <220>
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 <400> 209
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<210> 210
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<220>
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<400> 210
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<210> 211
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<400> 211
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<210> 212
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<212> DNA
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<220>
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<400> 212
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<210> 213
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<212> DNA
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<400> 213
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<210> 214
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<212> DNA
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<220>
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<400> 214
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<210> 215
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<213> Artificial Sequence

<220>
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<400> 215
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<210> 216
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<400> 216
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<210> 217
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<220>
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<400> 217
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<210> 218
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<400> 218
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<210> 219
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<400> 219
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<210> 220
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<220>
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<400> 220
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<210> 221
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<212> DNA
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<210> 222
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<400> 222
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<210> 223
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<400> 223
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<210> 224
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<400> 224
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<210> 225
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<400> 225
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<210> 226
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<220>
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<400> 226
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<210> 227
 <211> 46
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<220>
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<400> 227
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<210> 228
 <211> 44
 <212> RNA
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<220>
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<400> 228
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<210> 229
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<210> 230
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<400> 230
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<210> 231
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<400> 231
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<210> 232
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<400> 232
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<210> 233
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<210> 234
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<400> 234
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<210> 235
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<210> 236
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<210> 237
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<400> 237
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<210> 238
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<212> DNA
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<400> 238
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<210> 239
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<212> DNA
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<400> 239
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<210> 240
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<210> 241
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<400> 241
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<210> 242
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<212> DNA
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<400> 242
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<210> 243
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<400> 244
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44

<210> 245
<211> 42
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<213> Artificial Sequence

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<400> 245

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42

<210> 246

<211> 42

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Novel Sequence

<400> 246

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42

<210> 247

<211> 42

<212> RNA

<213> Artificial Sequence

<220>

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<400> 247

uuuuuagauu cuuuuuguaa gccccaaggg cucaaaaaug uu

42

<210> 248

<211> 42

<212> RNA

<213> Artificial Sequence

<220>

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<400> 248

uuuuuagauu cuuuuuguaa gccccaaggg cucaaaaaug uu

42

<210> 249

<211> 42

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Novel Sequence

<400> 249

cuuuuaagau ucuuuuguaa gccuaaggg cucuaaaug gu

42

<210> 250

<211> 42

<212> RNA

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<400> 250

uuuuuagauu cuuuuuguaa gccuagggg cucuaaaug gu

42

<210> 251

<211> 42

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<223> Description of Artificial Sequence: Novel Sequence

<400> 251

auauuugauc cuuucuguaa gccuacggg cucaaaugu ac

42

<210> 252

<211> 50

<212> DNA

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<222> (1)..(3)

<223> N is any nucleotide

<400> 252

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50

<210> 253
<211> 51
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<223> Description of Artificial Sequence: Novel Sequence

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<222> (1)..(4)

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<400> 253

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<210> 254

<211> 51

<212> DNA

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<222> (1)..(12)

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<400> 254

nnnnnnnnnn nntagcttct cctgataatc taattgcctc acactgtcag t 51

<210> 255

<211> 51

<212> DNA

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<222> (1)..(12)

<223> N is any nucleotide

<400> 255
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<210> 256
<211> 44
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<400> 256
gatcgttagc ttctcctgat aaactaattg cctcacattg tnnn 44

<210> 257
<211> 51
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<220>
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<400> 257
gcattgcacg gttagcttct cctgataaac taattgcctc acattgtcac t 51

<210> 258
<211> 51
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<400> 258

nnnnnnnnnn nnnnnnnnnn nggtaaaacta attgtctcac atcgtcagtg c 51

<210> 259

<211> 51

<212> DNA

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<222> (1)..(21)

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<400> 259

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<210> 260

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<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Novel Sequence

<400> 260

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<212> DNA

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<223> Description of Artificial Sequence: Novel Sequence

<400> 261

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<210> 262

<211> 51

<212> DNA

<213> Artificial Sequence

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<400> 262
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<210> 263
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<400> 263
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<210> 264
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<400> 264
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<210> 265
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51

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54

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50

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29

<210> 294

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acacgaatct gaatgagaat gcctgtgat

29

<210> 295

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28

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<210> 310
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29